

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ramaswami et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date: Herewith

Group Art Unit:

Title: Droplet Plate Architecture

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Dep Account **08-2025** pursuant to 37 CFR 1.25.

The foreign patent documents and non-patent literature listed in the attached Form PTO 1449 were previously cited by or submitted to the Office in earlier applications, numbers 09/556,035 and 10/244,351 and upon which the present application relies for an earlier filing date under 35 USC § 120. Consequently, copies of this information are not provided here (37 CFR 1.98(d)).

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

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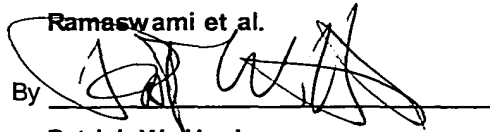
Date of Deposit Aug 19, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: Patrick W. Hughey

Respectfully submitted,

Ramaswami et al.
By 

Patrick W. Hughey

Attorney/Agent for Applicant(s)

Reg. No. 31,169

Date: Aug 19, 2003

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	10981988-3		
	APPLICANT		
	Ramaswami et al		
	FILING DATE	GROUP	
	Aug 19, 2003		

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	5,589,865	Dec 31, 1996	Beeson	
	1B	5,442,384	Aug 15 1995	Schantz	
	1C	5,160,945	Nov 3, 1992	Drake	
	1D	5,098,503	Mar 24, 1992	Drake	
	1E	5,016,023	May 14, 1991	Chan	
	1F	4,862,197	Aug 29, 1989	Stoffel	
	1G	4,680,859	Jul 21, 1987	Johnson	
	1H	4,491,606	01-1985	Rosier et al	
	1I	5,478,606	12-1995	Ohkuma et al	
	1J	5,980,017	11-1999	Sato	
	1K	6,036,874	03-2000	Farnaam	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	0 564 102 A2	Oct 6, 1993	Allen		
	1M	EP0783970A2	Jul 16, 1997	Sato		
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Kovacs, Micromachined Transducers Sourcebook, 1998, McGraw-Hill, pgs. 77-88
1R	
1S	

EXAMINER

DATE CONSIDERED

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	2A	6,162,589	12-2000	Chen et al	
	2B	3,852,563	12/3/1974	Bohorguez et al	
	2C	4,438,191	3/20/1984	Cloutier	
	2D	4,809,428	3/7/1989	Aden	
	2E	4,847,630	7/11/1989	Bhaskar	
	2F	4,851,371	7/25/1989	Fisher	
	2G	4,875,968	10/24/1989	O'Neill	
	2H	4,894,664	1/16/1990	Tsung Pan	
	2I	5,041,190	8/20/1991	Drake	
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	2K	5,194,877	3/16/1993	Lam	

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		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L	JP0040052144	2/1992	Seiko Epson Corp		
	2M	JP5995156A	10/1984	Hewlett-Packard Co.		
	2N	JP0610098557	5/1986	Ricoh CO		
	2O	JP62094347A	April 1987	Ricoh Seiko KK		
	2P	E0783970A2	July 1997	Canon Kabushiki		

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	
	2R	
	2S	

EXAMINER

DATE CONSIDERED

PATENT APPLICATION

Sheet 3 of 4

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 10981988-3	APPLICATION NO.	CONFIRMATION NO.
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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

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	3A	5,308,442	5/3/1994	Taub	
	3B	5,306,307	4/26/1994	Herko	
	3C	5,317,346	5/31/1994	Garcia	
	3D	5,851,412	12/22/1998	Kubby	
	3E	6,153,114	11/28/2000	Figuerdo	
	3F	6,137,443	10/24/2000	Beatty	
	3G	6,204,182	3/20/2001	Truninger	
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	3I	6,099,106	8/8/2000	Werner	
	3J	6,325,488	Dec 4, 2001	Beerling et al	
	3K	6,303,274	Oct 16, 2001	Chen et al	

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	3L	DE19536429A1	April 1997	Siemens AG		
	3M	EP0244214A1	4/1987	Hewlett-Packard CO.		
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	3O					
	3P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	3Q	
	3R	
	3S	

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	4A	6,000,787	Dec 14, 1999	Weber et al	
	4B	20030082841	May 1, 2003	Haluzak et al	
	4C	4,558,333	Dec 1985	Sugitani et al	
	4D	5,738,799	Apr 1998	Hawkins et al	
	4E	6,162,589	Dec 2000	Chen et al	
	4F	6,482,574-B1	Nov 2002	Ramaswami et al	
	4G	6,485,132-B1	Nov 2002	Hiroki et al	
	4H				
	4I				
	4J				
	4K				

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	4P					

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	4Q	
	4R	
	4S	

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